

**PROCEDURE FOR THE VERIFICATION OF FLOW
TABLE
ASTM C 230**

A. PURPOSE

The purpose of this procedure is to verify that the flow table performance is satisfactory for measuring the consistency of mortar in the test of hydraulic cement. The check is conducted annually or after repairs or when results are suspect. (See note.)

B. APPARATUS REQUIRED

1. Sufficient calibration material obtained from CCRL.
2. All items required to conduct the flow test.

C. PROCEDURE

The calibration instructions obtained with the calibration material shall be followed. In general the instructions are as follows:

1. Check and service the flow table.
2. Mix the calibration material as directed.
3. Perform the flow test.
4. Record the flow rate indicated.
5. Repeat to verify the consistency of the operation.

D. TOLERANCE

The test results must be within five (5) percentage points of the assigned flow values of the calibration material.

Note: The CCRL Inspection shall be used as a calibration record.

EQUIPMENT VERIFICATION RECORD

Verified By: _____	Date: _____
Equipment: <u>Flow Table</u>	Location (Lab): _____
Identification No.: _____	Verification Frequency: <u>12 months</u>
Previous Verification Date: _____	Next Due Date: _____
Verification Equipment Used: Calibration Material from CCRL	
Verification Procedure: <u>(In-house) OMR-CVP-42 / ASTM C 230 / Manual of Cement Testing</u>	

Record results of flow test _____

Is result within 5 percentage points of flow values obtained with calibration material? YES NO